

TIC-TOC - Technology Integrated Classroom that Optimizes Curriculum Superior K-12—Prime Applicant District

Partner Districts: St Regis K-12, DeSmet Elementary, Plains Elementary, Hot Springs Elementary, Hot Springs High School, Paradise Elementary, Trout Creek Elementary, and Clinton Elementary

University Mentor(s): University of Montana Education Department, Dr Sally Brewer, Dr Sandra Williams, Dr. Georgia Cobb and Ann Minkler

Mentor(s) at Large: Dr. Lynn Lary

Internal Evaluator: Dr. Tammy Elser

Abstract: The TIC TOC Regional Technology Partnership will improve student academic achievement in mathematics and reading by effectively integrating technology in teaching and learning in high poverty/high need districts. The **Prime Applicant District** will collaborate with seven high poverty/high need **Partnership Schools** and continue the TIC TOC Regional Network, which was based on the TALES Model. The partnership will also include three **Technologically Proficient Mentors**, **University of Montana School of Education program mentors**, and one instructional technology specialist from the **Lane Education Service District in Oregon, Region Five Comprehensive System Personnel Development (CSPD) program**, and **Webcasting In a Box**. The ITBS scores and Montcas CRT Scores will improve by 2% a year through the effective use of technology in teaching and learning. Teachers will rate themselves as a “3” or better as measured by the TAGLIT by 2007. The proposal focuses upon technology literacy sand infusion relevant to the student academic achievement needs of all partnership schools. The Superior School, the Prime Applicant District, will provide the equipment and infrastructure improvements needed to support this project. The **University of Montana Education Department** will serve as the inside evaluator for quantitative and qualitative evaluations and will provide training on the integration of technology with an emphasis on math and reading and internet safety. Pre-service teachers will work with Master Teachers and partners with technology infusion. **Lane Education Service District** will provide training on the integration of handheld computers and GPS into K-12 math and reading instruction. **CSPD** will offer classes on technology and differentiated instruction. All technology based learning resources are aligned to state and local academic achievement gains as measured by standards-based assessments as stated in approved data collected by the U.S. Department of Education.